

6/20/2018

Denali Water
Cindy Duenes
2001 Key Street
Colton, CA, 92324

Ref: Analytical Testing
Report Number: 18-163-0204
Project Description: MBC

Dear Cindy Duenes:

Waypoint Analytical Virginia, Inc. received sample(s) on 6/12/2018 for the analyses presented in the following report.

The above referenced project has been analyzed per your instructions. The analyses were performed in accordance with the applicable analytical method. Sub-contracted testing is noted on the Sample Summary Table if applicable.

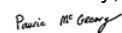
The analytical data has been validated using standard quality control measures performed as required by the analytical method. Quality Assurance, method validations, instrumentation maintenance and calibration for all parameters (NELAP and non-NELAP) were performed in accordance with guidelines established by the USEPA (including 40 CFR 136 Method Update Rule May 2012) and NELAC unless otherwise indicated.

Certain parameters (chlorine, pH, dissolved oxygen, sulfite...) are required to be analyzed within 15 minutes of sampling. Usually, but not always, any field parameter analyzed at the laboratory is outside of this holding time. Refer to sample analysis time for confirmation of holding time compliance.

The results are shown on the attached Report of Analysis(s). Results for solid matrices are reported on an as-received basis unless otherwise indicated. This report shall not be reproduced except in full and relates only to the samples included in this report.

Please do not hesitate to contact me or client services if you have any questions or need additional information.

Sincerely,



Pauric McGroary
Agronomist

Laboratory's liability in any claim relating to analyses performed shall be limited to, at laboratory's option, repeating the analysis in question at laboratory's expense, or the refund of the charges paid for performance of said analysis.

Arizona AZ0629
Florida E871087

New Jersey
North Carolina

VA011
257

Pennsylvania
South Carolina

68-03109
93007

Virginia 460014





Sample Summary Table

Report Number: 18-163-0204

Client Project Description: MBC

Lab No	Client Sample ID	Matrix	Date Collected	Date Received	Method	Lab ID
61130	MBC	Solids	06/08/2018 12:00	06/12/2018		
61130	MBC	Solids	06/08/2018 12:00	06/12/2018	6010D	WTN

Report Number: 18-163-0204

Account Number: 11035



7621 Whitepine Road, Richmond, VA 23237
Main 804-743-9401 ° Fax 804-271-6446
www.waypointanalytical.com

Send To: Denali Water
Cindy Duenes
2001 Key Street
Colton , CA 92324

Project : MBC

Lab Number : 61130

Sample Id : MBC

REPORT OF ANALYSIS

Date Sampled: 6/8/2018 12:00:00

Date Received: 06/12/2018 00:00

Date Reported: 06/20/2018

PARAMETER	RESULT (%)	RESULT (mg/kg)	QUANTITATION LIMIT (mg/kg*)	ANALYST	ANALYSIS DATE/TIME	METHOD
Total Solids *	27.49	274900	100.0	BW1	06/12/2018 15:00	SM-2540G
Moisture *	72.50		100.0	BW1	06/12/2018 15:00	SM-2540G
Total Kjeldahl Nitrogen	4.29	42900	50.0	R D	06/13/2018 08:20	SM-4500-NH3C-TKN
Phosphorus	1.95	19500	50.0	BKN	06/16/2018 03:13	6010D
Potassium	0.07	699	50.0	BKN	06/16/2018 03:13	6010D
Sulfur	4.19	41900	50.0	BKN	06/16/2018 03:13	6010D
Calcium	2.48	24800	50.0	BKN	06/16/2018 03:13	6010D
Magnesium	0.31	3070	50.0	BKN	06/16/2018 03:13	6010D
Sodium	0.15	1450	250	BKN	06/16/2018 03:13	6010D
Iron		82100	50.0	BKN	06/16/2018 03:13	6010D
Aluminum		2950	50.0	BKN	06/16/2018 03:13	6010D
Manganese		390	5.00	BKN	06/16/2018 03:13	6010D
Copper		604	2.50	BKN	06/16/2018 03:13	6010D
Zinc		893	5.00	BKN	06/16/2018 03:13	6010D
Ammonia Nitrogen	1.29	12900	50.0	R D	06/13/2018 08:20	SM-4500-NH3C
Organic N	3.00	30000	50.0		06/13/2018 08:20	CALCULATION
Nitrate+Nitrite-N		<2.31	2.31	MMT	06/14/2018 08:16	4500NO3F-2011

All values are on a dry weight basis except as noted by asterisk. Detection limit on all N series is on a wet basis.

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A handwritten signature in black ink that reads "Pauric McGroary".

Pauric McGroary
Agronomist

Report Number: 18-163-0204

Account Number: 11035



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Project : MBC

Lab Number : 61130

Sample Id : MBC

REPORT OF ANALYSIS

Date Sampled: 6/8/2018 12:00:00

Date Received: 06/12/2018 00:00

Date Reported: 06/20/2018

PARAMETER	RESULT (%)	RESULT (mg/kg)	QUANTITATION LIMIT (mg/kg*)	ANALYST	ANALYSIS DATE/TIME	METHOD
Cadmium		1.57	1.00	BKN	06/16/2018 03:13	6010D
Chromium		52.8	2.50	BKN	06/16/2018 03:13	6010D
Nickel		30.0	2.50	BKN	06/16/2018 03:13	6010D
Lead		10.7	3.00	BKN	06/16/2018 03:13	6010D
Arsenic		<5.00	5.00	BKN	06/16/2018 03:13	6010D
Mercury		0.826	0.400	SMC	06/14/2018 18:17	SW-7471B
Selenium		5.13	5.00	BKN	06/16/2018 03:13	6010D
Molybdenum		19.1	2.50	BKN	06/16/2018 03:13	6010D

Comments:

AZ CERT#0629

AMMONIA-N, SULFUR NOT FOR COMPLIANCE PURPOSES

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A handwritten signature in black ink that reads "Pauric McGroary".

Pauric McGroary
Agronomist

Cooler Receipt Form

Customer Number: **11035**
Customer Name: **Denali Water**
Report Number: **18-163-0204**

Shipping Method

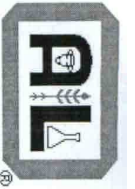
☒ Fed Ex ☐ US Postal ☐ Lab ☐ Other :
☐ UPS ☐ Client ☐ Courier Thermometer ID:

Shipping container/cooler uncompromised?	<input checked="" type="radio"/> Yes	<input type="radio"/> No	
Number of coolers received	<input type="text" value="1"/>		
Custody seals intact on shipping container/cooler?	<input type="radio"/> Yes	<input type="radio"/> No	<input checked="" type="radio"/> Not Required
Custody seals intact on sample bottles?	<input type="radio"/> Yes	<input type="radio"/> No	<input checked="" type="radio"/> Not Required
Chain of Custody (COC) present?	<input checked="" type="radio"/> Yes	<input type="radio"/> No	
COC agrees with sample label(s)?	<input checked="" type="radio"/> Yes	<input type="radio"/> No	
COC properly completed	<input checked="" type="radio"/> Yes	<input type="radio"/> No	
Samples in proper containers?	<input checked="" type="radio"/> Yes	<input type="radio"/> No	
Sample containers intact?	<input checked="" type="radio"/> Yes	<input type="radio"/> No	
Sufficient sample volume for indicated test(s)?	<input checked="" type="radio"/> Yes	<input type="radio"/> No	
All samples received within holding time?	<input checked="" type="radio"/> Yes	<input type="radio"/> No	
Cooler temperature in compliance?	<input type="radio"/> Yes	<input checked="" type="radio"/> No	
Cooler/Samples arrived at the laboratory on ice. Samples were considered acceptable as cooling process had begun.	<input type="radio"/> Yes	<input checked="" type="radio"/> No	
Water - Sample containers properly preserved	<input checked="" type="radio"/> Yes	<input type="radio"/> No	<input type="radio"/> N/A
Water - VOA vials free of headspace	<input type="radio"/> Yes	<input type="radio"/> No	<input checked="" type="radio"/> N/A
Trip Blanks received with VOAs	<input type="radio"/> Yes	<input type="radio"/> No	<input checked="" type="radio"/> N/A
Soil VOA method 5035 – compliance criteria met	<input type="radio"/> Yes	<input type="radio"/> No	<input checked="" type="radio"/> N/A
<input type="checkbox"/> High concentration container (48 hr)	<input type="checkbox"/> Low concentration EnCore samplers (48 hr)		
<input type="checkbox"/> High concentration pre-weighed (methanol -14 d)	<input type="checkbox"/> Low conc pre-weighed vials (Sod Bis -14 d)		
Special precautions or instructions included?	<input type="radio"/> Yes	<input checked="" type="radio"/> No	

Comments:

Signature:

Date & Time:



SAMPLE TRANSMITTAL

A&L Eastern

7621 Whitepine Road Richmond VA 23237 Tel: 80

18-163-0204
11035
06-12-2018
14:02:22

Account #

11035

Denali Water
MBC

Submitted By

Denali Water Solutions

Denali Water Solutions

Franklin Ave STEA

Franklin Ave STEA

chrisamarks@comcast.net

Riverside CA 92507

Riverside CA 92507

jrsaint@gmail.com

Project

Sample Information

Sample ID	Lab Number (Lab Use Only)	Collection Information			Container Information			Please Check Desired Tests								Test Package		
		Type	Date	Time	Number of Bottles	Type	Volume	SL1	SL2	503 Metals	Nitrogen Series	pH	CCE	Ag	Cl		Volatile Solids	
		<input checked="" type="checkbox"/> Grab <input type="checkbox"/> Composite				<input type="checkbox"/> Glass <input checked="" type="checkbox"/> Plastic	<input type="checkbox"/> oz <input type="checkbox"/> pint <input checked="" type="checkbox"/> qt											SLSOSO
LS		<input checked="" type="checkbox"/> Grab <input type="checkbox"/> Composite	6/8/2018	1100	1	<input type="checkbox"/> Glass <input checked="" type="checkbox"/> Plastic	<input type="checkbox"/> oz <input type="checkbox"/> pint <input checked="" type="checkbox"/> qt											SLSOSO
MBC	Y01138D	<input checked="" type="checkbox"/> Grab <input type="checkbox"/> Composite	6/8/2018	1200	1	<input type="checkbox"/> Glass <input checked="" type="checkbox"/> Plastic	<input type="checkbox"/> oz <input type="checkbox"/> pint <input checked="" type="checkbox"/> qt											SLSOSO
		<input checked="" type="checkbox"/> Grab <input type="checkbox"/> Composite	6/8/2018	1130	1	<input type="checkbox"/> Glass <input checked="" type="checkbox"/> Plastic	<input type="checkbox"/> oz <input type="checkbox"/> pint <input checked="" type="checkbox"/> qt											SLSOSO
SLR		<input checked="" type="checkbox"/> Grab <input type="checkbox"/> Composite	6/8/2018	1130	1	<input type="checkbox"/> Glass <input checked="" type="checkbox"/> Plastic	<input type="checkbox"/> oz <input type="checkbox"/> pint <input checked="" type="checkbox"/> qt											SLSOSO

Relinquished By: (Signature)	Date	Time	Received By: (Signature)	Date	Time
Joel Santos (signature)	6/8/2018	1200			
Fedex	6/11/18				

Test Package Details

SL1: Total Solids (Moisture) Total Kjeldahl Nitrogen, Phosphorus and Potassium

SL2: Basic Test SL1 plus Sulfur, Calcium, Magnesium, Sodium, Iron, Aluminum, Manganese, Copper And Zinc

503 Metals: Arsenic, Cadmium, Chromium, Mercury, Molybdenum, Lead, Nickel, Selenium.

(Copper & Zinc included in SL2)

Nitrogen Series: Total Kjeldahl, Ammonium, Nitrate & Organic Nitrogen.

CCE: Calcium Carbonate Equivalent or Total Neutralization Value (For Lime Treated Sludge)

Special Instructions or Remarks

No ice or hot when arrived